

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2004/010388A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G01N33/573 C12N9/48

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 G01N C12N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, Sequence Search, WPI Data, PAJ, EMBASE, BIOSIS

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category ^o	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 01/83782 A (PLOWMAN GREGORY D ; PAYNE VILIA (US); SUGEN INC (US); WHYTE DAVID (US)) 8 November 2001 (2001-11-08) the whole document -----	1-26
X	WO 01/36605 A (KAPELLER LIBERMANN ROSANA ; WHITE DAVID (US); MACBETH KYLE J (US); MIL) 25 May 2001 (2001-05-25) cited in the application the whole document -----	1-26
X	WO 01/53455 A (HYSEQ INC ; LIU CHENGHUA (US); TANG Y TOM (US); DRMANAC RADOJE T (US)) 26 July 2001 (2001-07-26) the whole document -----	1-26

 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

° Special categories of cited documents :

- °A° document defining the general state of the art which is not considered to be of particular relevance
- °E° earlier document but published on or after the international filing date
- °L° document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- °O° document referring to an oral disclosure, use, exhibition or other means
- °P° document published prior to the international filing date but later than the priority date claimed

- °T° later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- °X° document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- °Y° document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- °&° document member of the same patent family

Date of the actual completion of the international search

27 December 2004

Date of mailing of the international search report

13.04.05

Name and mailing address of the ISA

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Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. Claims Nos.: —
because they relate to subject matter not required to be searched by this Authority, namely:

Although claim 26 is directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.

2. Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:

3. Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

1-26 (part)

Remark on Protest

The additional search fees were accompanied by the applicant's protest.

No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-26(part)

Method of screening for therapeutical agents useful in the treatment of Alzheimer; method for diagnosing Alzheimer; pharmaceutical compositions comprising agents which bind/regulate the activity of a RNPEP polypeptide for the treatment of Alzheimer; pharmaceutical compositions for the treatment of Alzheimer comprising the RNPEP polypeptide; method for preparing a pharmaceutical composition useful for the treatment of Alzheimer.

2. claims: 1-26(part)

Method of screening for therapeutical agents useful in the treatment of hematological diseases; method for diagnosing hematological diseases; pharmaceutical compositions comprising agents which bind/regulate the activity of a RNPEP polypeptide for the treatment of hematological diseases; pharmaceutical compositions for the treatment of hematological diseases comprising the RNPEP polypeptide; method for preparing a pharmaceutical composition useful for the treatment of hematological diseases.

3. claims: 1-26(part)

Method of screening for therapeutical agents useful in the treatment of cancer; method for diagnosing cancer; pharmaceutical compositions comprising agents which bind/regulate the activity of a RNPEP polypeptide for the treatment of cancer; pharmaceutical compositions for the treatment of cancer comprising the RNPEP polypeptide; method for preparing a pharmaceutical composition useful for the treatment of cancer.

4. claims: 1-26(part)

Method of screening for therapeutical agents useful in the treatment of respiratory diseases; method for diagnosing respiratory diseases; pharmaceutical compositions comprising agents which bind/regulate the activity of a RNPEP polypeptide for the treatment of respiratory diseases; pharmaceutical compositions for the treatment of respiratory diseases comprising the RNPEP polypeptide; method for preparing a pharmaceutical composition useful for the treatment of respiratory diseases.

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Patent document cited in search report	Publication date	Patent family member(s)		Publication date
WO 0153455	A	US	2004219521 A1	04-11-2004
		US	2003211987 A1	13-11-2003
		US	2003224379 A1	04-12-2003
		US	2004022786 A1	05-02-2004
		US	2004023870 A1	05-02-2004
		US	6465620 B1	15-10-2002